FIG. 1

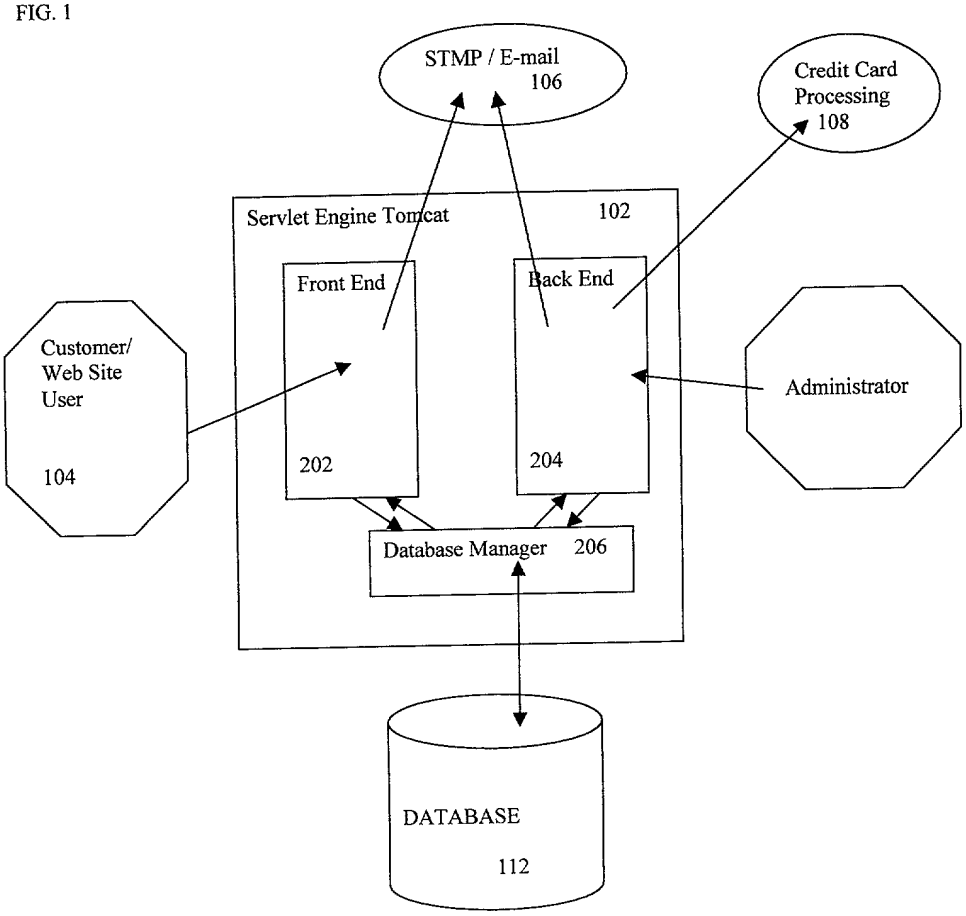

STMP / E-mail
106
Credit Card
Processing
108
Servlet Engine Tomcat
102
Front End
Back End
Customer/
Web Site
User
104
202
204
Administrator
Database Manager
206
DATABASE
112

FIG. 2

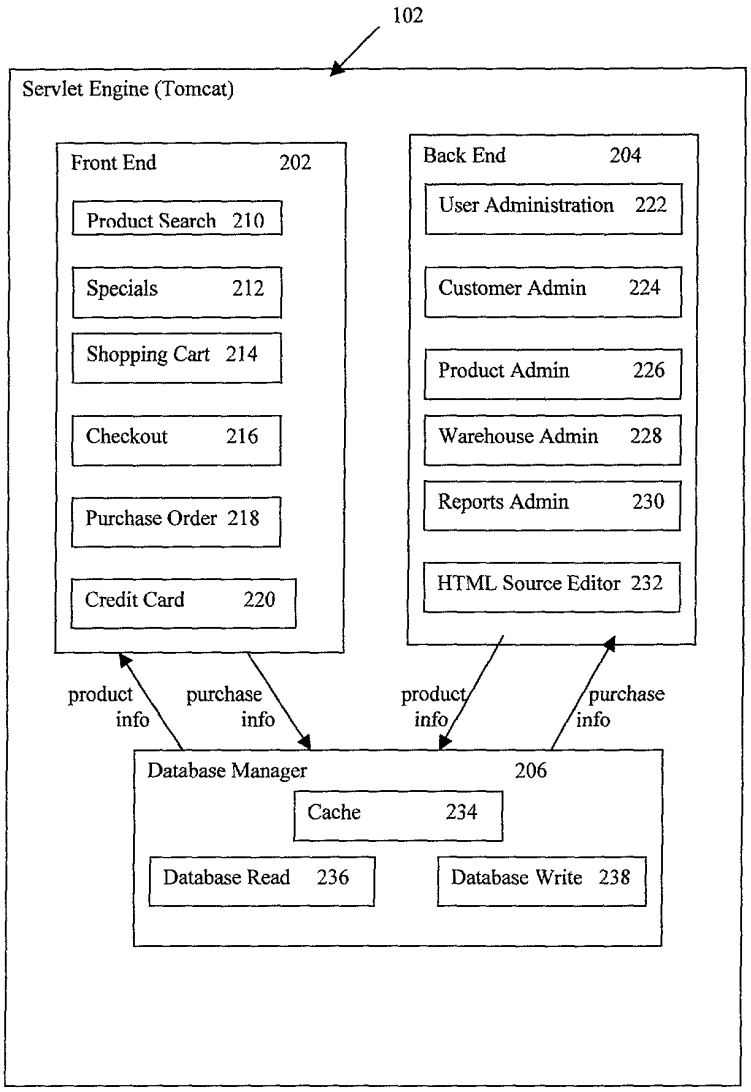

102
Servlet Engine (Tomcat)
Front End 202
Product Search 210
Specials 212
Shopping Cart 214
Checkout 216
Purchase Order 218
Credit Card 220
Back End 204
User Administration 222
Customer Admin 224
Product Admin 226
Warehouse Admin 228
Reports Admin 230
HTML Source Editor 232
product info
purchase info
product info
purchase info
Database Manager 206
Cache 234
Database Read 236
Database Write 238

FIG. 3

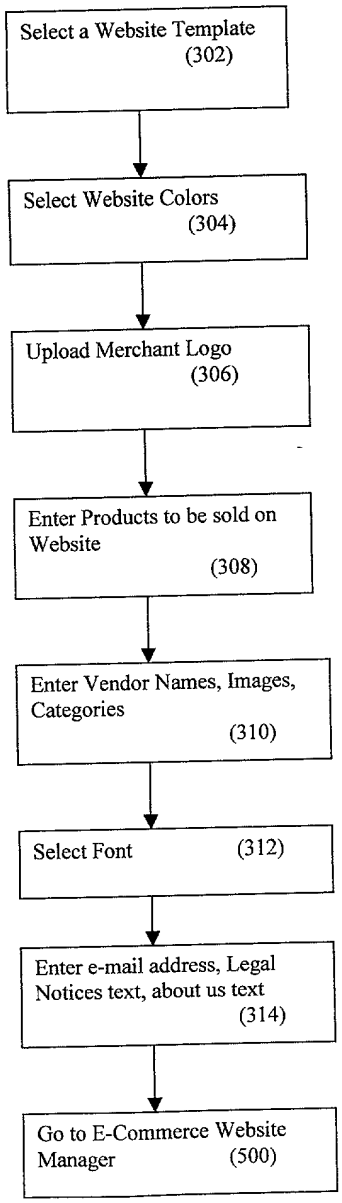

Select a Website Template (302)
Select Website Colors (304)
Upload Merchant Logo (306)
Enter Products to be sold on Website (308)
Enter Vendor Names, Images, Categories (310)
Select Font (312)
Enter e-mail address, Legal Notices text, about us text (314)
Go to E-Commerce Website Manager (500)

FIG. 4

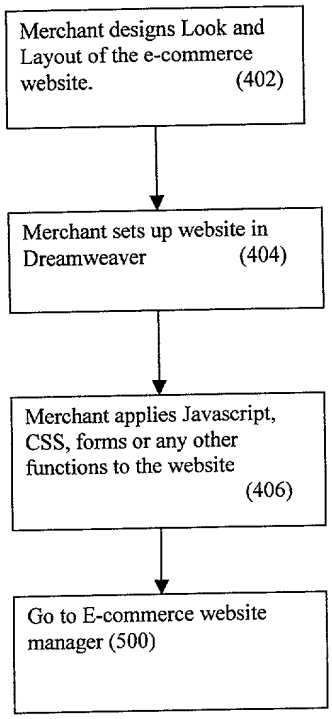

Merchant designs Look and Layout of the e-commerce website. (402)
Merchant sets up website in Dreamweaver (404)
Merchant applies Javascript, CSS, forms or any other functions to the website (406)
Go to E-commerce website manager (500)

FIG. 5

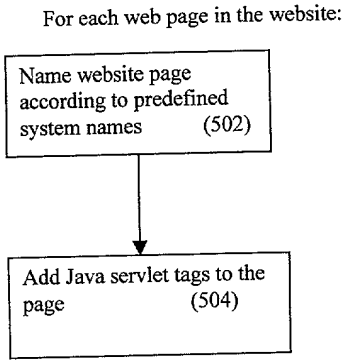
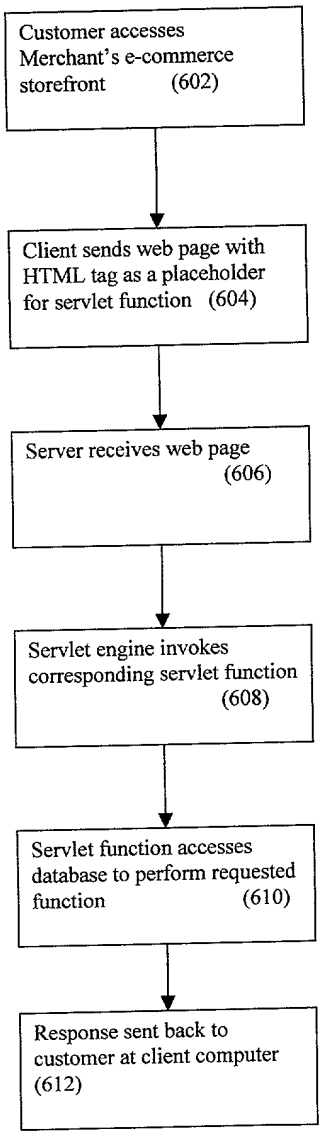

For each web page in the website:
Name website page according to predefined system names (502)
Add Java servlet tags to the page (504)

FIG. 6


Customer accesses Merchant's e-commerce storefront (602)
Client sends web page with HTML tag as a placeholder for servlet function (604)
Server receives web page (606)
Servlet engine invokes corresponding servlet function (608)
Servlet function accesses database to perform requested function (610)
Response sent back to customer at client computer (612)